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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/993,866	11/05/2001	Seiji Hamada	JP20000342US1	8302

24852 7590 06/24/2005

INTERNATIONAL BUSINESS MACHINES CORP  
IP LAW  
555 BAILEY AVENUE , J46/G4  
SAN JOSE, CA 95141

EXAMINER
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GOOD JOHNSON, MOTILEWA

ART UNIT	PAPER NUMBER
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2677

DATE MAILED: 06/24/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

09/993,866

Applicant(s)

HAMADA ET AL.

Examiner

Motilewa A. Good-Johnson

Art Unit

~~2675~~ 2677

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 17 February 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-19 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-4, 7-10, 14, 15, 18 and 19 is/are rejected.
- 7) ☒ Claim(s) 5, 6, 11-13, 16 and 17 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date <u>4/11/2005</u> . | 6) <input type="checkbox"/> Other: _____  |

**DETAILED ACTION**

***Claim Rejections - 35 USC § 102***

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-4, 8-10, 14-15 and 18-19 are rejected under 35 U.S.C. 102(e) as being anticipated by Chung, U.S. Patent Number 6,753,892.

The applied reference has a common assignee with the instant application.

Based upon the earlier effective U.S. filing date of the reference, it constitutes prior art under 35 U.S.C. 102(e). This rejection under 35 U.S.C. 102(e) might be overcome either by a showing under 37 CFR 1.132 that any invention disclosed but not claimed in the reference was derived from the inventor of this application and is thus not the invention "by another," or by an appropriate showing under 37 CFR 1.131.

Regarding claim 1, Chung discloses a computer system comprising: a display device (102) having a display area on a display screen thereof, wherein, out of target data to be displayed in said display area, one or multiple first data sets (col. 4, lines 12-

20, displaying in a display area a menu, which Examiner interprets as a data set), the contents of which are actually displayed, (figures 3, 4A, 4B) and one or multiple first predetermined icons (316, 318), which represent one or multiple first data groups of the target data other than said first data sets and the contents of which are not displayed, are present in said display area (col. 4, lines 20-25)

Regarding claim 2, Chung discloses first data sets and first said data groups are sorted in the ascending order or in the descending order, and said first data sets and said first predetermined icons are presented in sorting orders thereof (figure 3, elements 302-314, menu selection of menu items 1-7 shown in descending order)

Regarding claim 3, Chung discloses first data sets include the first and the last data of said target data (col. 7, lines 3-6)

Regarding claim 4, Chung discloses wherein, by the operation of selecting said first predetermined icons, one or multiple second data sets, the contents of which are actually display, and one or multiple second predetermined icons, which represent one or multiple second data groups of the target data other than said first and second data sets and the contents of which are not displayed, are presented together with said first data sets in said display area (figures 3, 4A, 4B)

Regarding claim 8, Chung discloses a data display method, for displaying target data in a display area on the display screen of a computer system comprising the steps of: identifying first data sets, which are included in said target data to be displayed in said display area and the contents of which are actually displayed in said display area

(figures 4A, 4B, col. 4, lines 20-21, 28-29); identifying first data groups, which are included in said target data other than said first data sets and the contents of which are not displayed in said display area (figures 4A and 4B, col. 4, lines 22-24); reading said first data sets from a recording area wherein said target data is stored and displaying said first data sets in said display area; and presenting first predetermined icons representing said first data groups in said display area (figure 4A and 4B)

Regarding claim 9, it is rejected based upon similar rational as above claim 8.

Regarding claim 10, it is rejected based upon similar rational as above claim 2.

Regarding claims 14-15, see above rejection for claims 8 and 9 respectively.

(Chung further discloses the above method implemented in a system, col. 3, lines 1-4)

Regarding claims 18-19, see claims 8 and 9 respectively. (Chung further discloses the above can be implement as a computer readable medium, col. 4, lines 7-11)

### ***Allowable Subject Matter***

3. Claims 5-7, 11-13, 16 and 17 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

4. The following is a statement of reasons for the indication of allowable subject matter: The prior art cited fails to render obvious correlating with the predetermined icons with the first data rows and number of data rows of first data groups and second data groups.

***Response to Arguments***

5. Applicant's arguments with respect to claims 1-19 have been considered but are moot in view of the new ground(s) of rejection.

***Conclusion***

6. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.

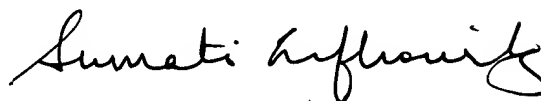
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Motilewa A. Good-Johnson whose telephone number is (571) 272-7658. The examiner can normally be reached on Monday, Tuesday and Thursday 9:00 AM - 6:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Sumati Lefkowitz can be reached on (571) 272-3638. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Motilewa A. Good-Johnson  
Examiner  
Art Unit ~~2675~~ 2677

mgj



**SUMATI LEFKOWITZ**  
**SUPERVISORY PATENT EXAMINER**